

**Fig. 1**

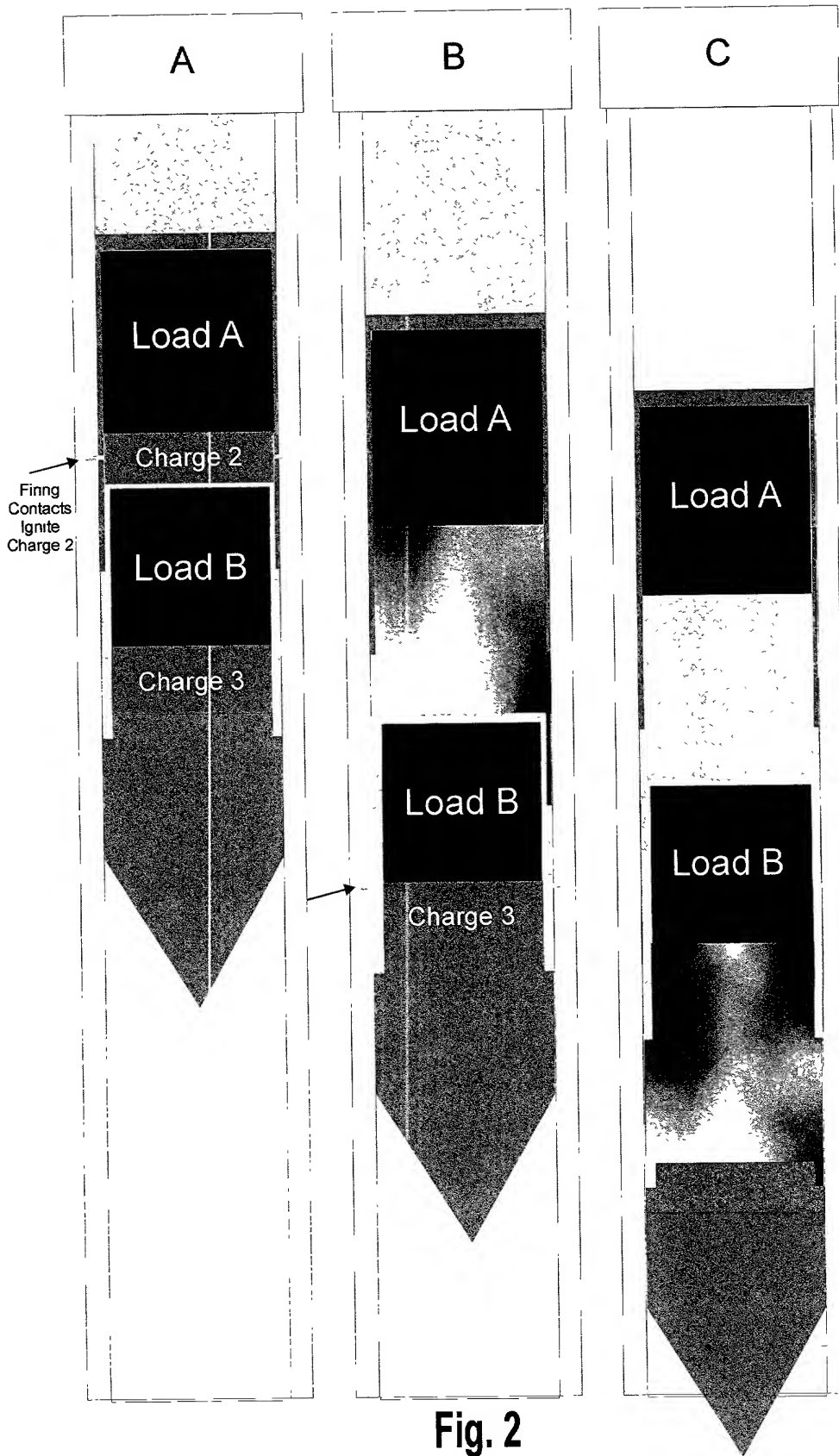


Fig. 2

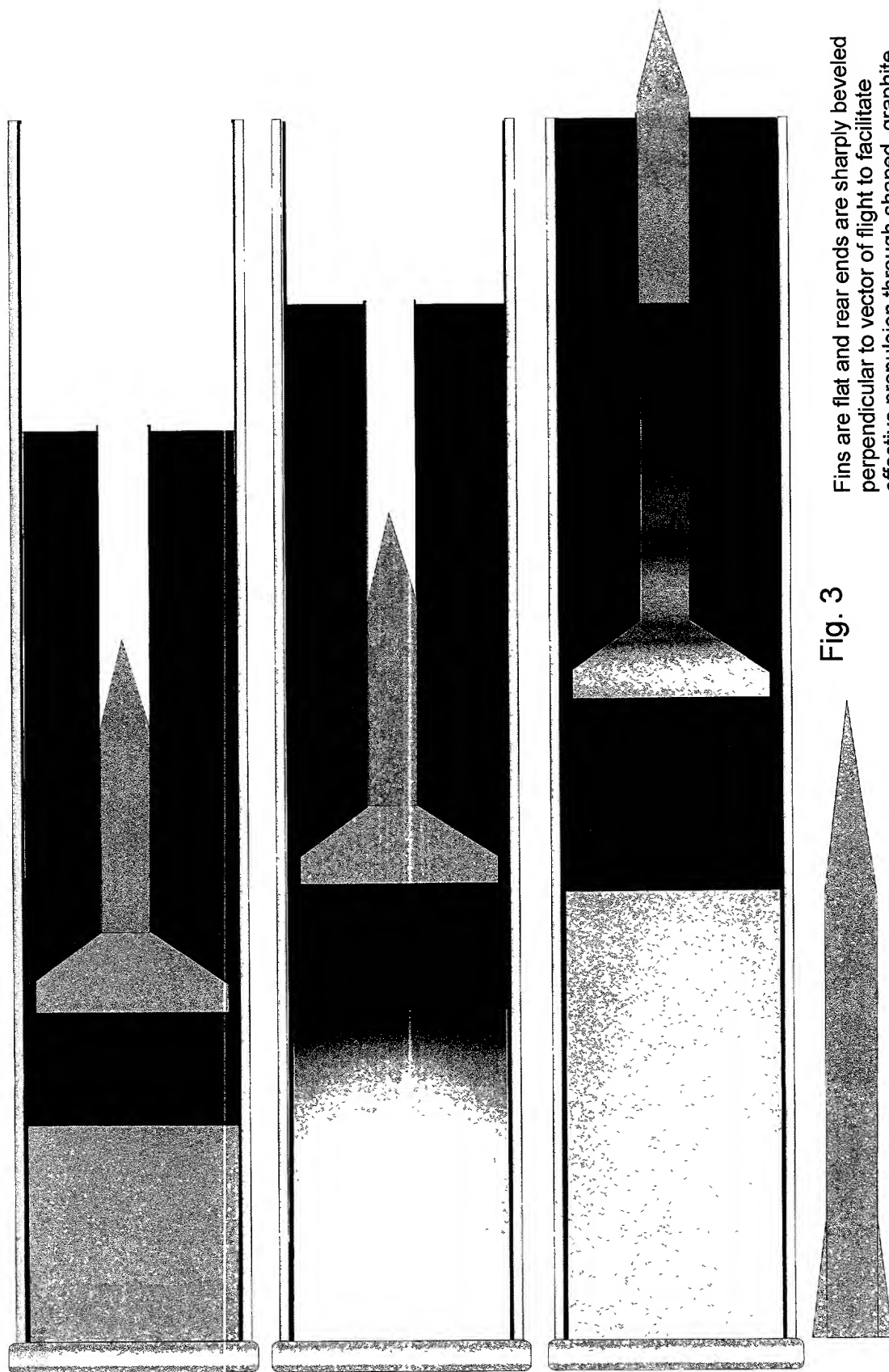


Fig. 3

Fins are flat and rear ends are sharply beveled perpendicular to vector of flight to facilitate effective propulsion through shaped, graphite treated fin-travel slits in Sabot.

Not drawn to scale or perspective.

FIG. 4A

Plug support shown as rotatable side bars  
(not cylinder) for auto-ejecting captured Sabot.

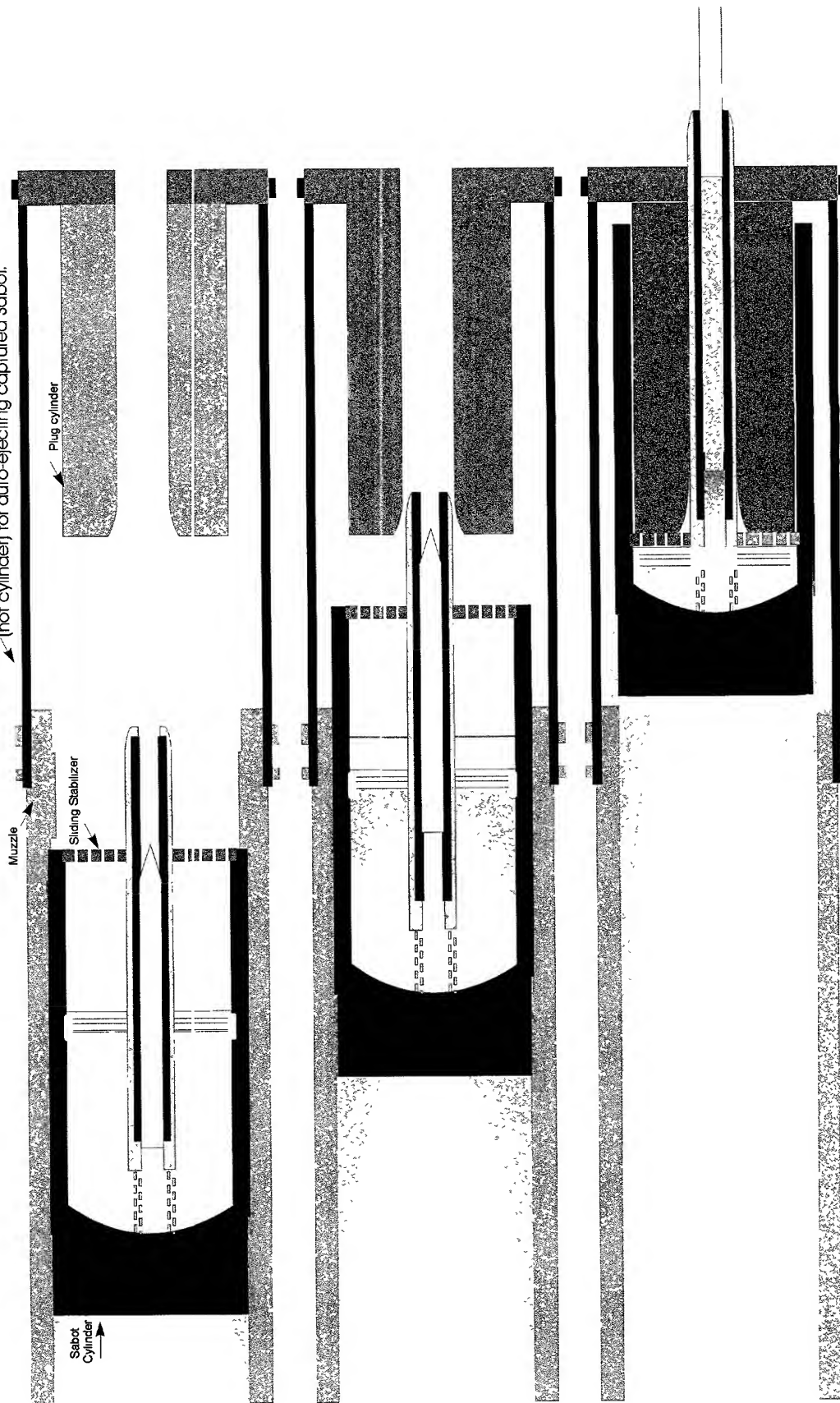
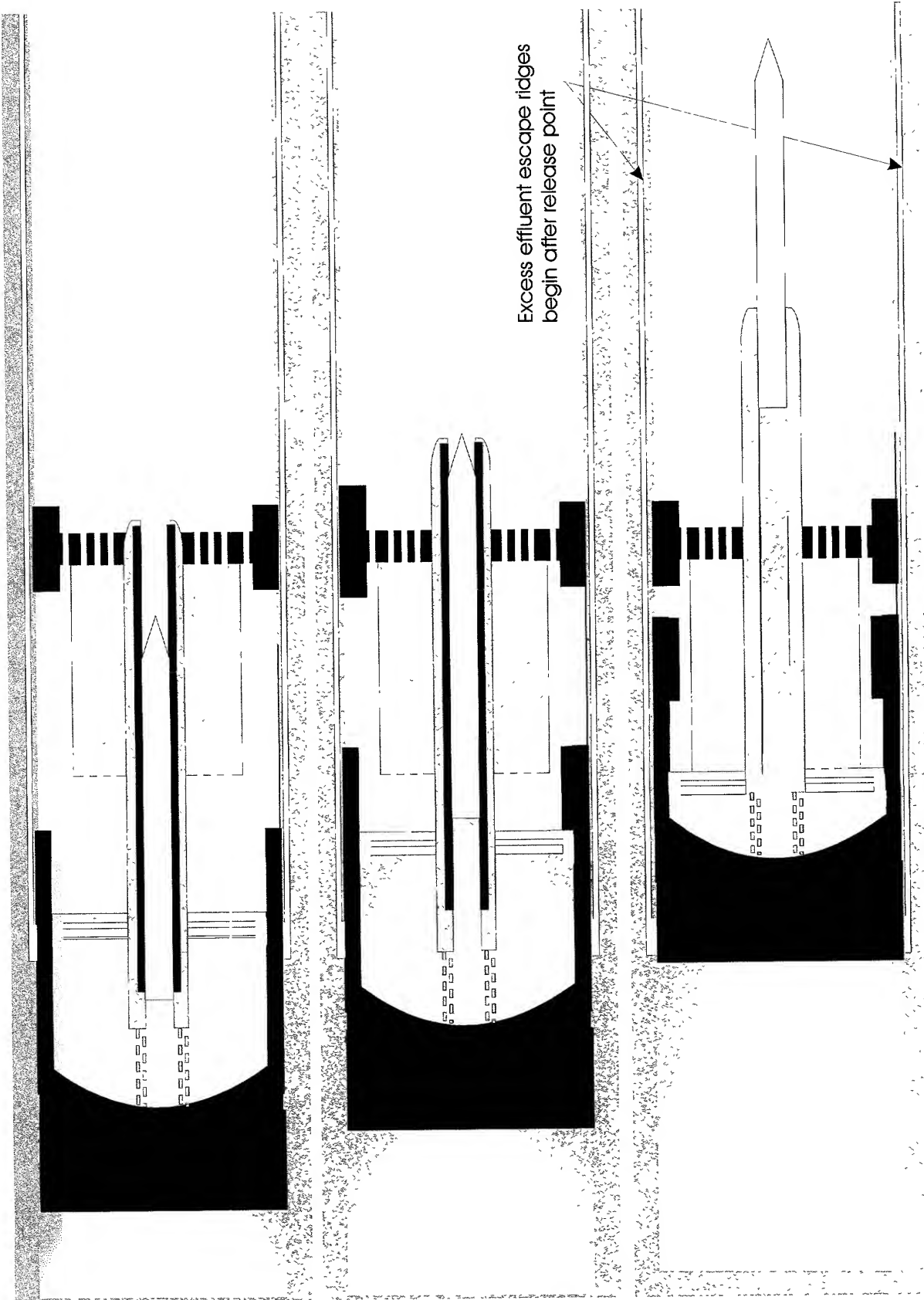


Fig. 4A

The image contains three cross-sectional diagrams of a projectile within a sabot, illustrating the sequence of events during impact:

- Top Diagram:** Shows the initial state where the projectile is seated within the sabot. The sabot is a multi-layered cylindrical structure.
- Middle Diagram:** Illustrates the hydraulic separation process. A fluid (indicated by a stippled pattern) is being forced into the space between the projectile and the sabot, creating pressure that begins to push the projectile forward.
- Bottom Diagram:** Shows the final state where the projectile has moved forward, separated from the sabot, and is now captured within a larger, curved structure, likely the target or a capture mechanism.

**Fig. 4B**



**Fig. 4C**

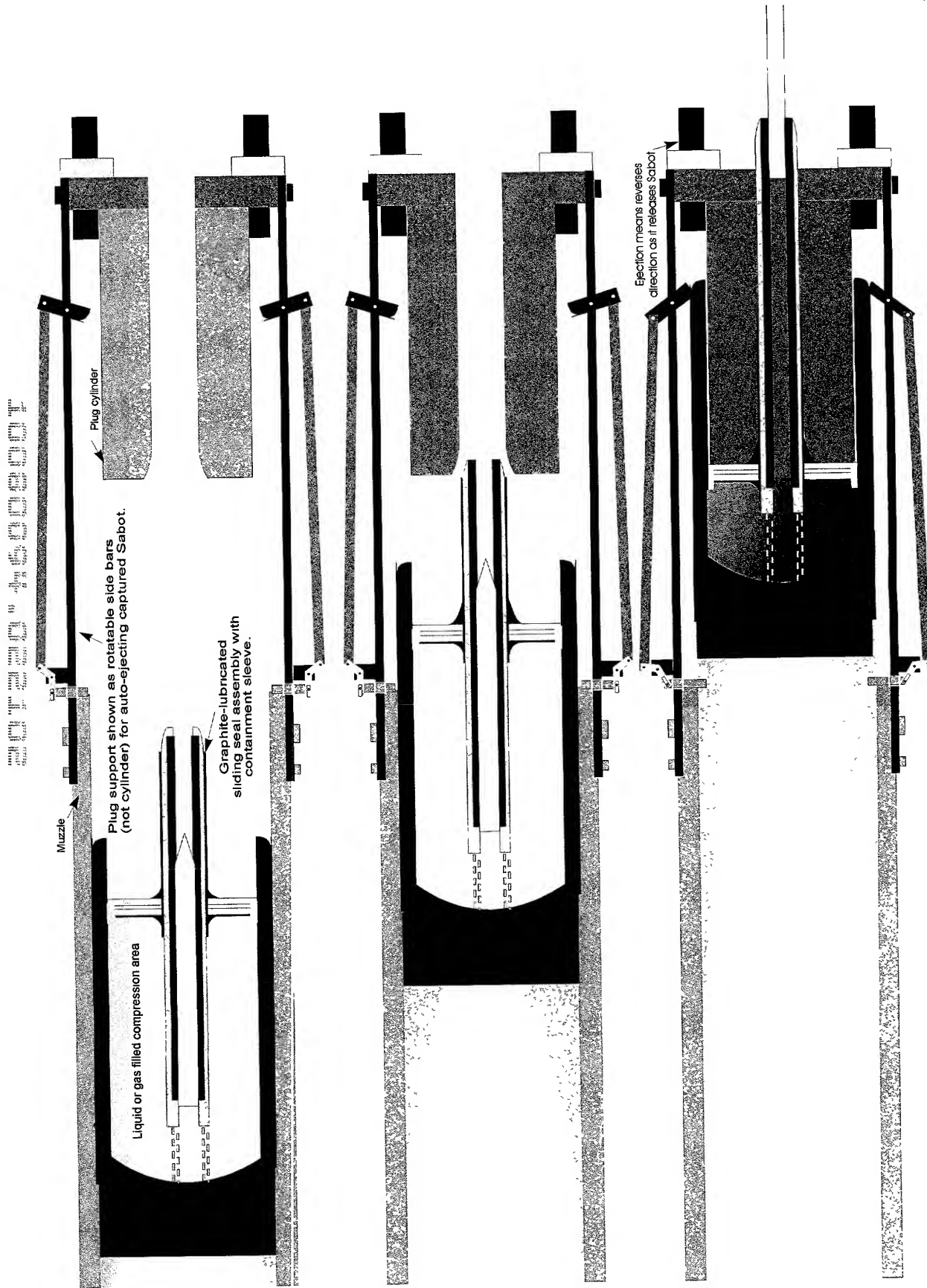


Fig. 4D



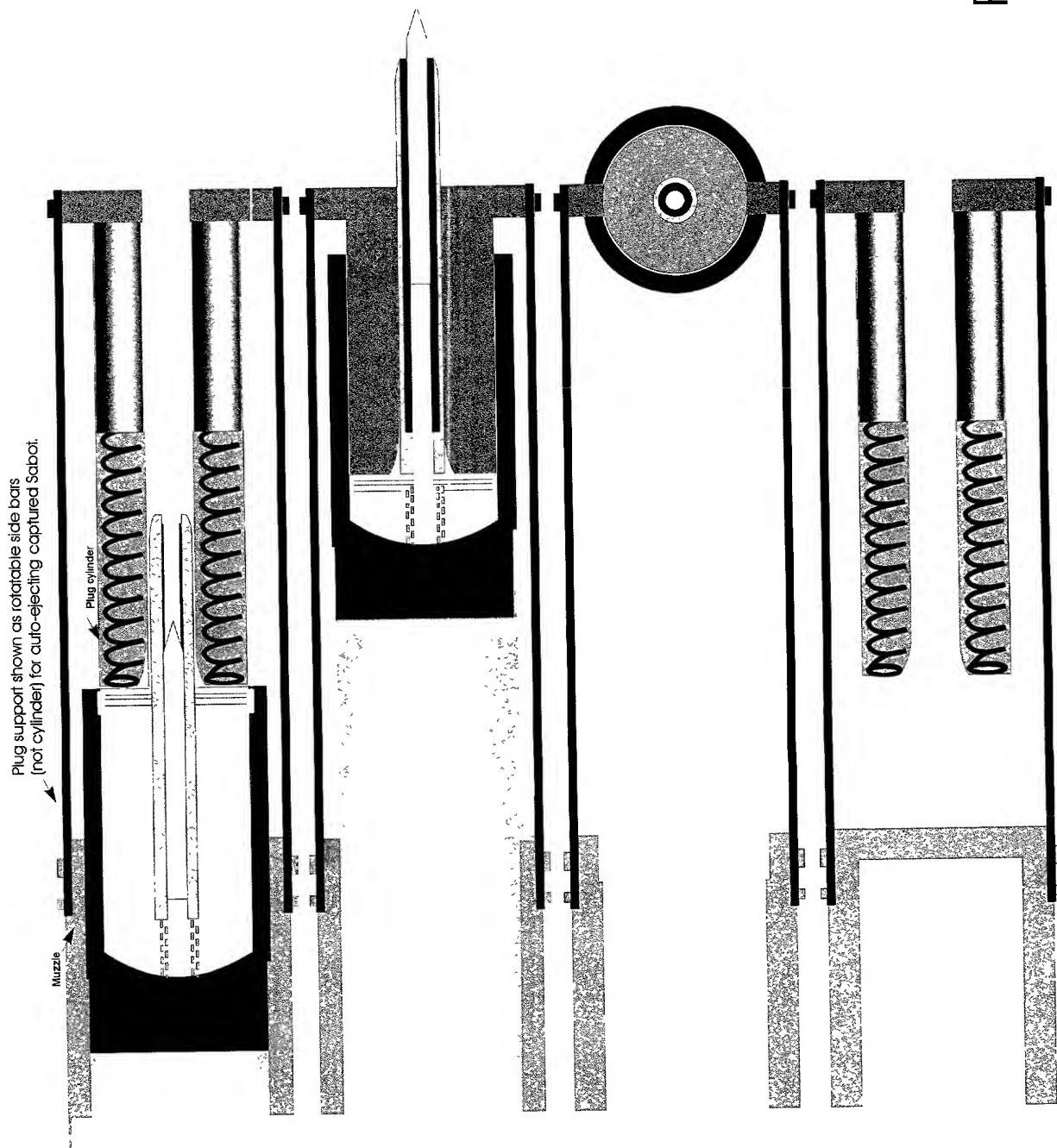


Fig. 4E



## One Dense Matrix Example Distribution

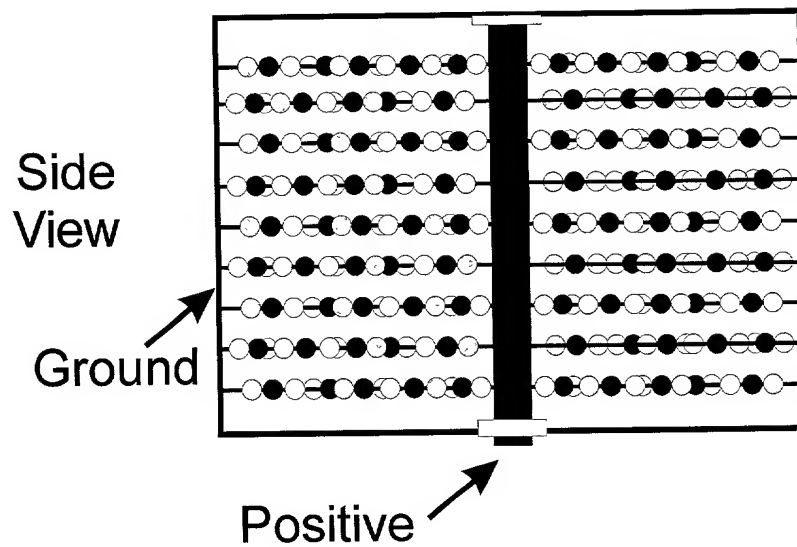
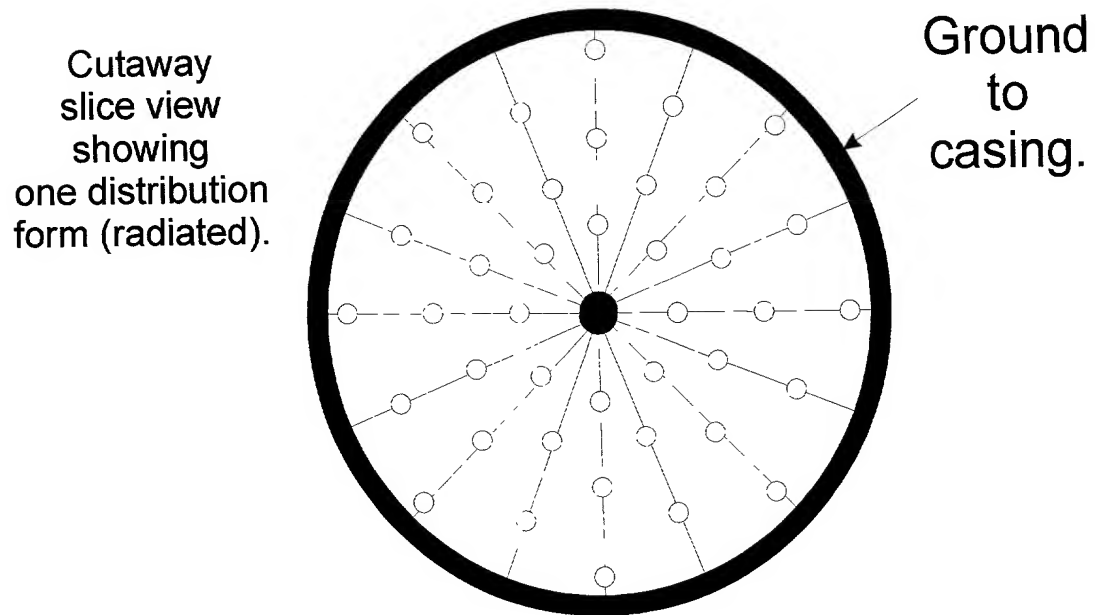


Fig. 5



# Cutaway Drawings of Concentric Cylindrical Structure and Velocity Adding Sabot

**Lateral staging and vacuum distances are substantially out of proportion to fit on page.**

Front structural support disc connects to nose cover, and inside support cylinder. Nose has soft exit area at center.

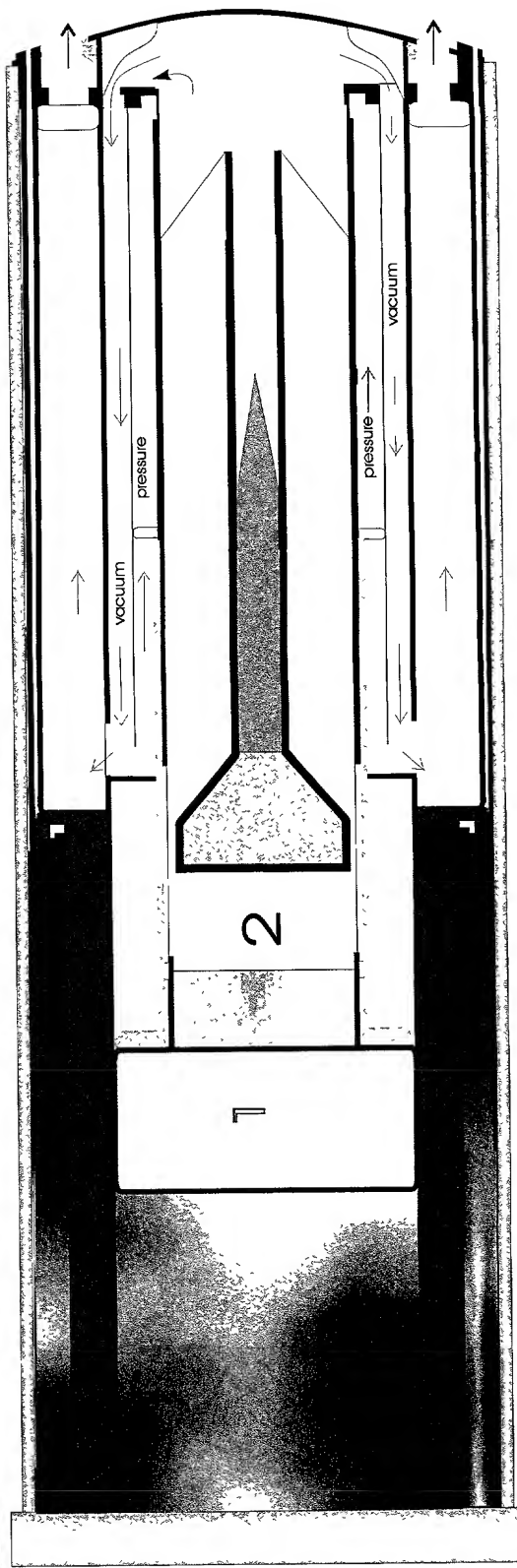
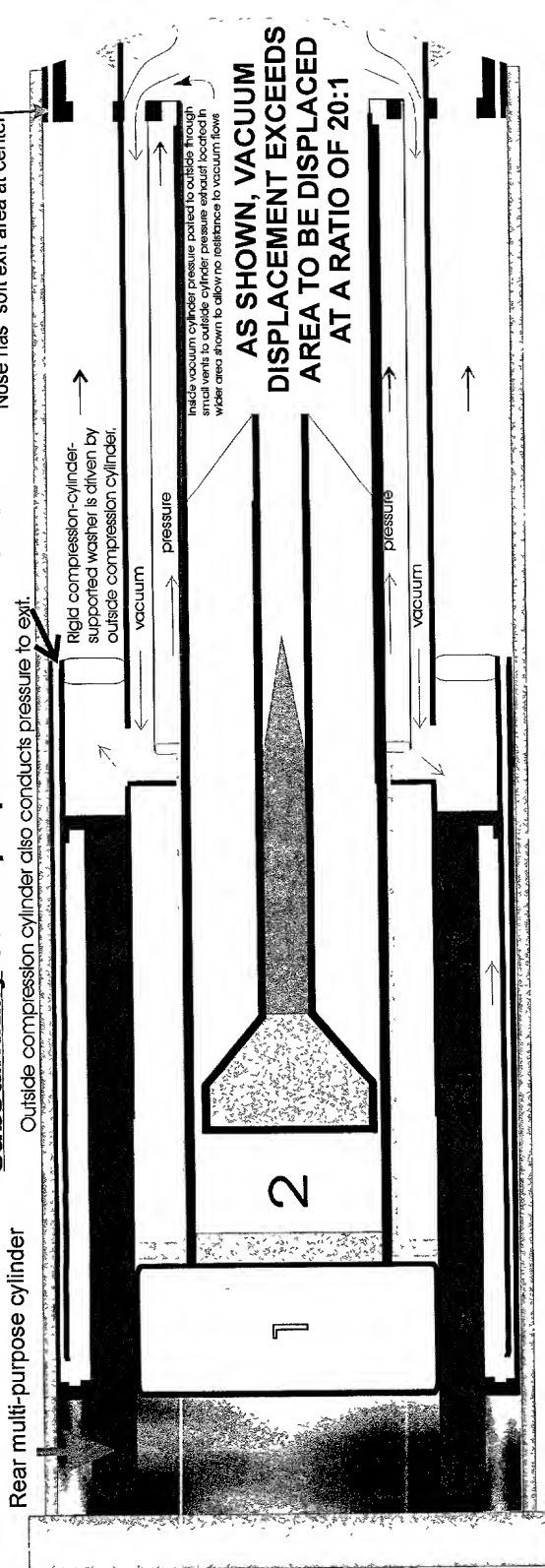


Fig. 7A

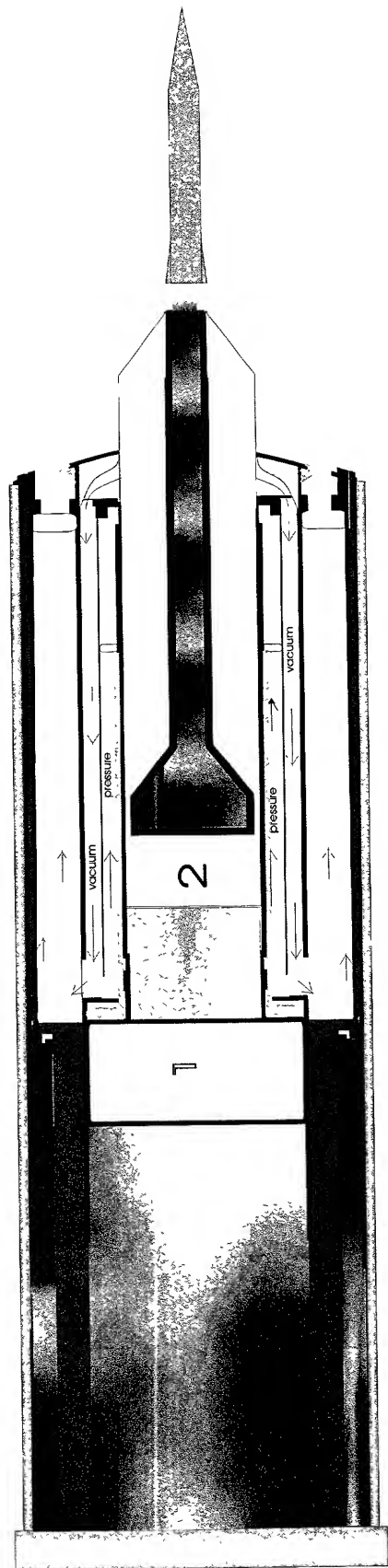


Fig. 7B

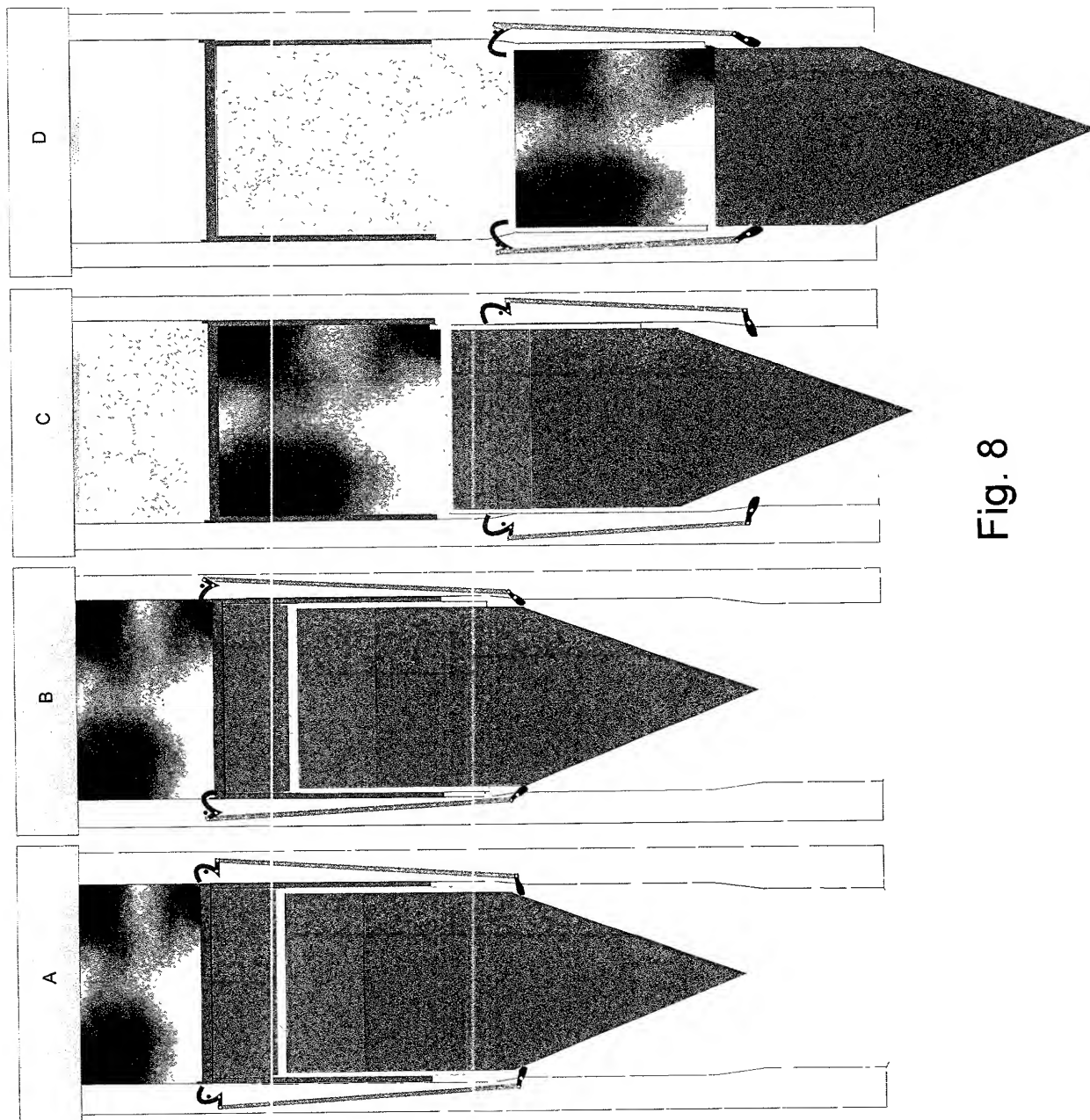


Fig. 8

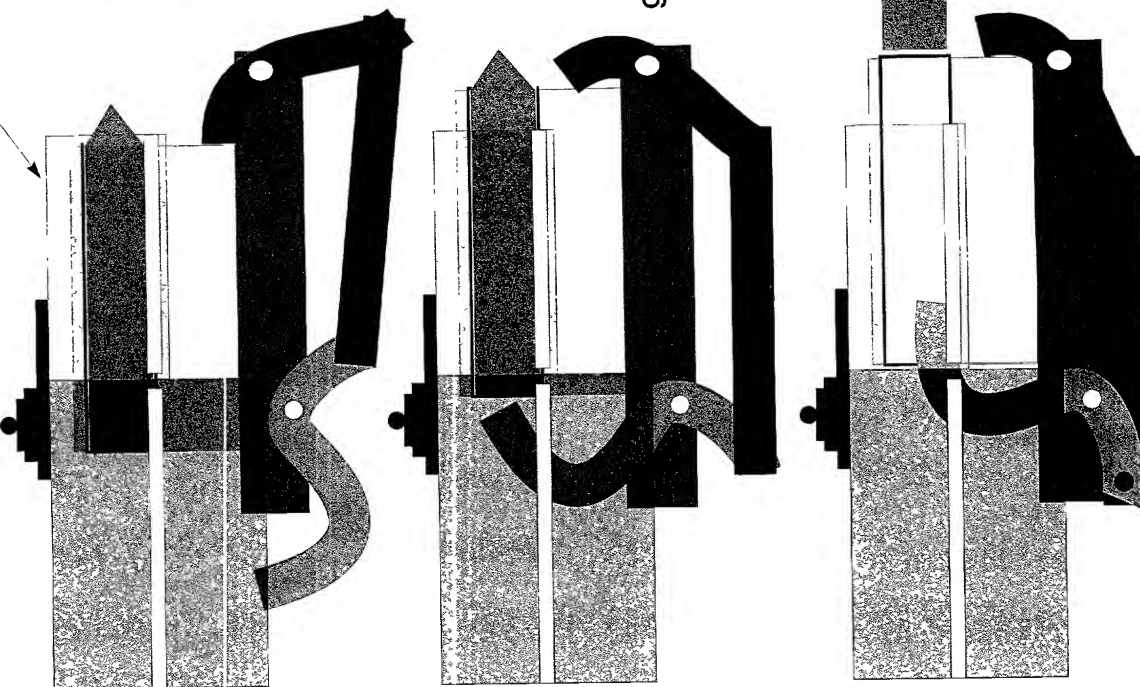
Small text at the top of the page, likely a header or page number.

Upside down "U" shaped barrel

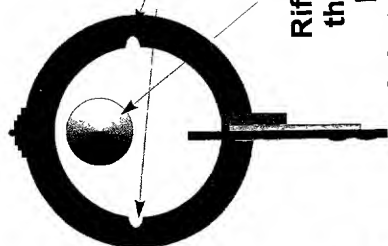
extension plus ejector assembly

Muzzle End

Side View

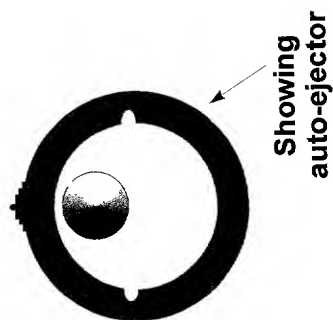


Muzzle View

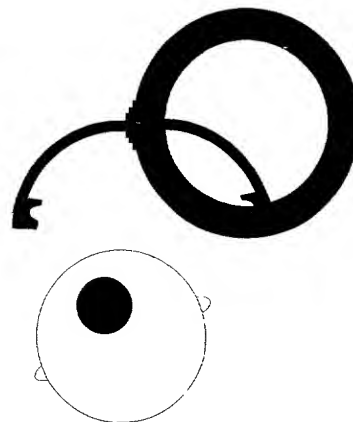


Guides in tracks

Rifling is in the inside barrel.  
Sabot doesn't need to spin but is shown here on a track.



Showing auto-ejector



Sabot always has full guidance support on all four quadrants.

Fig. 9